QX 700

TAP TO SELF-SERVICE

The QX 700 is a secure, versatile contactless and NFC-enabled payment device for vending machines and other self-service, high-transaction volume environments such as on-street parking meters, petroleum pumps and ticketing machines. With a powerful 32-bit RISC processor and advanced software architecture, QX 700 provides rapid transaction speeds for all card types, including public transportation, stored value and other value-added applications.

FLEXIBLE INTEGRATION

- Meets the stringent requirements of integration into vending machines and kiosks in all market segments
- Can be used in all types of indoor and outdoor machines, including vending, parking and ticketing and multimedia kiosks
- Modular design is highly flexible, allowing easy integration of contactless technology to all existing VeriFone self-service products like the Artema Modular, V^{x} 700, MX 700 or MX 760

SPEED AND EASE OF USE

- Tap card or smartphone and pay instantaneously
- Intuitive, customer-friendly interfaces and LEDs drive positive user experiences
- Approved EMV kernel reduces time to market
- Multiple configurations options, including contactless only, contactless + chip and contactless + chip and PIN

EASY INTERFACING

- Can be connected with a single serial line using electrical power supplied by VeriFone products
- A power-saving mode allows reader to be used for solar and battery-operated applications
- Remote downloads and firmware updates

DESIGNED FOR OUTDOOR ENVIRONMENT

- Weather-proof, scratch-resistant, UV-rated plastic enclosure provides top-level protection against dust, liquids and other harmful substances
- Anti-vandalism enclosure to withstand impact of up to 10 joules

Processor
32-bit ARM RISC microprocessor

Contactless Interface
EMV Level 1 approved
ISO 14443, 13.56MHz, Type A/Type B
ISO 18092, Near Field Communication (NFC)

Applications
MasterCard PayPass (M/Chip & mag-stripe)
Visa payWave (MSD & qVSDC)
American Express: expresspay
Discover Network Zip
Interac Flash
VisaWave
Mifare, Mifare+, Mifare Clasic, DESFire
Isis Smart Tap
Google Wallet
Pass-Through Mode
Card emulation mode
NFC

Connection Interface
1 x RS-232 interface including Power Supply, compatible to VeriFone unattended products

User Interface
Illuminated contactless logo
4 green LEDs,
LED Traffic light configurable (bi-color LEDs)
Beeper

Dimensions
Front side: 72 x 60 x 18 (WxHxD mm)
Back side: 78 x 126 x 32 (WxHxD mm)

Power Supply
8 – 43 V DC
In operation @12V: 0.24 mA (typ.), 4.3W (max)
In power saving mode: < 1.1mW

Operating Temperatures
-20° C ... +70° C (10 to 90%, non-condensing)

Antenna Housing Environment
Weather-proofed, UV-rated plastic enclosure
Protection Class: IP 65 at the outside (proper mounting assumed)

VeriFone
THE WAY TO PAY™

www.verifone.com

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